
Workop Rural District Council

Annual Report

FOR THE

Year ended 31st December, 1971

BY

G. TATTERSALL

MEDICAL OFFICER OF HEALTH

M.A., M.B., B.Ch.-D.P.H.



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Workop Rural District Council

Year Ended 31st December, 1971

Chairman

Councillor S. SLACK, J.P.

Vice-Chairman

Councillor C. JAMES

Councillor F. BROUGH

Councillor A. G. BUCHANAN

Councillor J. CONNOLLY

Councillor Mrs. M. B. GEE

Councillor W. J. HAKES

Councillor Mrs. B. A. HARRISON

Councillor F. A. HARRISON

Councillor N. HAWKINS, B.E.M.

Councillor L. J. HINCE

Councillor T. L. HUGHES

Councillor J. H. LACEY

Councillor J. E. MACHENT

Councillor H. McLOUGHLIN

Councillor K. MUSKETT

Councillor Mrs. M. P. MUTER

Councillor Mrs. N. O'DONOVAN

Councillor J. H. SMITH

Councillor H. STOKES

Councillor Mrs. M. WATERHOUSE

Councillor Mrs. E. WILSON

Medical Officer of Health :

G. TATTERSALL, M.A., M.B., B.CH., D.P.H.

Deputy Medical Officer of Health :

H. M. REDFERN, M.R.C.S., L.R.C.P., D.P.H.

Surveyor and Chief Public Health Inspector :

C. J. PHILLIPS, F.R.S.H., C.R.S.H., M.A.P.H.I.

Additional Public Health Inspector :

C. TURBERFIELD, Cert. R.S.H., M.A.P.H.I.

Pupil Public Health Inspector :

STEPHEN HODGSON.

HEALTH DEPARTMENT,
PARK HOUSE,
PARK STREET,
WORKSOP.

July, 1972.

To : The Chairman and Members of the Worksop Rural District Council.

Sir, Ladies and Gentlemen,

I have the honour to submit for your consideration the Annual Health Report for 1971 together with the vital statistics relative to the period.

The population figure of 21,190 represents an increase of 230 over the corresponding figure for last year.

The birth rate is 19.4 per thousand of the population. The figure for England and Wales is 16.0.

The death rate at 8.8 per thousand of the population is below that for England and Wales (11.6).

The infant mortality rate at 26.8 per thousand live births is above that for England and Wales (18.0) and further details are included in the text.

The report includes information on the Health Services provided in the area by the Nottinghamshire County Council, and for this information I am indebted to the County Medical Officer.

I should like to take this opportunity to express my thanks to the Staff of the Department for their loyal and generous assistance to the Officers of other Departments for their help and co-operation, and to the Council for support and encouragement.

Yours sincerely,

G. TATTERSALL,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in acres	...	...	...	...	...	17,548
Population (estimated mid-year)	...	...	...	...	...	21,190
No. of inhabited houses at 1st April, 1972	...	...	...	...	...	7,015
Rateable Value at 1st April, 1972	...	...	...	...	...	£610,936
Penny Rate Product at 1st April, 1972	...	...	...	...	...	£5,939

VITAL STATISTICS

Live Birth	M.	F.	Total
Legitimate	202	183	385
Illegitimate	13	13	26
Illegitimate live births per cent. of total live births	...	...	6.3
Birth Rate per 1,000 of the population	...	...	19.4
Birth Rate per 1,000 of the population of England and Wales	...	...	16.0

Still Births	M.	F.	Total
Legitimate	3	1	4
Illegitimate	2	—	2
Total Live and Still Births	...	...	417
Rate per 1,000 (Live and Still Births)	...	...	14.4
Rate per 1,000 estimated population	...	...	.28

Maternal Mortality (including abortion) :	
Number of deaths	Nil

Infantile Mortality (Deaths of Infants under 1 year) :

	M.	F.	Total
Deaths of legitimate infants			
under 1 year	2	8	10
Deaths of illegitimate infants			
under 1 year	1	—	1
Death rate of legitimate infants per 1,000 legitimate live births			26.0
Infant mortality rate per 1,000 live births	...	...	26.8
Infant mortality rate for England Wales per 1,000 live births	...	...	18.0
Neo-Natal Mortality Rate (Deaths under 4 weeks per 1,000 total live births)	...	...	21.9
Early Neo-Natal Mortality Rate (Deaths under 1 week per 1,000 total live births)	...	...	14.6
Perinatal Mortality Rate (Still Births and Deaths under 1 week combined per 1,000 total live and still births)	...	...	28.8

Deaths	M.	F.	Total	
	102	84	186	
Death rate per 1,000 estimated population	...	...	...	8.8
Death rate per 1,000 population England and Wales	...	...	...	11.6

All the above rates are calculated on the estimated population figure given by the Registrar General.

Mortality

The Causes of death were :	M.	F.
Cancer (all forms)	18	19
Heart disease	31	22
Other diseases circulatory of system	1	1
Pneumonia	8	1
Bronchitis and emphysema	13	7
Motor vehicle accidents	2	1
All other accidents	2	1
Congenital anomalies	5	2
Other diseases of respiratory system	2	1
Suicide and self-inflicted injuries	1	—
Hypertensive disease	2	8
Cerebrovascular disease	13	8
Disease of the musculo-skeletal system	—	1
Other causes of perinatal mortality	—	4
Symptoms and Ill-Defined conditions	—	1
Asthma	—	1
Other diseases, Genito-urinary tract	—	1
Meningitis	—	1
Intestinal Obstruction and Hernia	1	1
Other diseases of digestive system	2	—
Diabetes Mellitus	—	1
Other Endocrine etc. Diseases	—	1
Multiple Sclerosis	—	1
Hyperplasia of Prostrate	1	—
	<hr/> 102	<hr/> 84

Cancer Deaths

There were 37 deaths from cancer. Arranged in decennial periods, these deaths occurred as below :

	1971	1970	1969	1968	1967	1966
Under 35 years ...	2	3	2	—	1	2
35 to 44 years ...	2	2	1	3	1	1
45 to 54 years ...	2	6	1	3	5	1
55 to 64 years ...	10	12	9	5	6	9
65 to 74 years ...	12	8	9	19	9	8
Over 75 years ...	9	11	5	5	6	6
Total ...	37	42	27	35	28	27

The following table shows the analysis of the site of the disease during the past five years.

Year	Stomach		Lung		Breast	Uterus	Other	
	M.	F.	M.	F.	F.	F.	M.	F.
1967	4	—	4	—	4	—	10	6
1968	1	—	11	2	4	—	11	6
1969	2	—	9	—	3	1	6	6
1970	1	1	6	—	5	6	11	12
1971	5	4	6	1	2	2	7	10

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

Measles

Year	No. of cases notified				
1971	39
1970	167
1969	32
1968	202
1967	83
1966	364
1965	229
1964	76
1963	453
1962	39
1961	306
1960	50
1959	328
1958	6
1957	582
1956	39
1955	343
1954	64
1953	116
1952	123
1951	248
1950	214
1949	244
1948	20

For most years it is possible to note the biennial epidemic character of measles. It is now possible to vaccinate children successfully against measles, and, therefore, in future years the pattern displayed in these figures may alter a great deal. It is to be hoped indeed that this disease will in the future be relegated to the position of poliomyelitis and diphtheria.

During the year 287 children were vaccinated against measles.

During the year 97 children were vaccinated against rubella.

Scarlet Fever

Four cases of scarlet fever were notified during the year.

Whooping Cough

Five cases of whooping cough were notified during the year.

The number of children immunised against the disease was 366.

Food Poisoning, Enteric Fever

Five cases of food poisoning were notified during the year.

Dysentery

There were no cases of dysentery notified during the year.

Infective Jaundice

There was one case of infective jaundice notified during the year.

Tuberculosis

There were no cases of pulmonary tuberculosis notified during the year 1971.

B.C.G. Skin Testing and Vaccination

Tuberculin testing followed by B.C.G. vaccination was offered to children in the 11th year age group and upwards :

Number of children skin tested	...	...	...	93
Number of children positive	...	...	...	9
Number of children negative	...	...	...	80
Number of children vaccinated	...	...	...	80

Diphtheria

There were no cases of diphtheria notified during the year.

In order to keep the disease from re-appearing it is necessary to try to protect at least 75% of the children under 15 years.

Year	No. of children who completed a full course of treatment	
	Under 5	Over 5
1962	262	11
1963	286	13
1964	343	10
1965	254	40
1966	329	21
1967	334	21
1968	367	19
1969	244	6
1970	368	17
1971	360	20

Poliomyelitis

There were no cases of poliomyelitis notified during the year.

Poliomyelitis Vaccination

The number of children who received three doses of oral vaccine was 386.

Smallpox

The number of persons vaccinated against smallpox was 231.

The number of persons re-vaccinated was 11.

Infant Mortality

There were eleven deaths under one year giving an infant mortality rate of 26.8.

Table I
Comparative Infant Mortality Rates

Year	Worksoy Rural District	England & Wales
1962	33.6	21.4
1963	43.7	20.9
1964	39.8	20.0
1965	35.8	19.0
1966	18.0	19.0
1967	9.7	18.3
1968	16.1	18.0
1969	14.0	18.0
1970	31.0	18.0
1971	26.8	18.0

The causes of death are analysed in Table II.

Of the eleven deaths notified, four were due to prematurity and one to broncho-pneumonia.

Prematurity is a problem in itself and until we know much more about its cause, there is little we can do about it.

ENVIRONMENTAL HEALTH

Medical Examination of Staff

For superannuation and other purposes eighteen members of the Council's staff were medically examined by me during the year.

HOME HELP SERVICE

The demand for Home Help in the Worksop Rural District increases as the amenities of the service become more widely known.

Home Helps are available for households where domestic help is needed owing to the presence of anyone who is sick, lying-in, an expectant mother, mentally defective, aged or a child not over compulsory school age.

The work undertaken by these women does not include nursing or midwifery duties, and they are not used as "sitters-in," but they do the ordinary domestic work usually undertaken by the mother of a family, which may include cleaning, cooking, washing, care of children, mending and shopping.

The charge for the service is 45p per hour except where the patient is unable to afford that amount, when the County Council's Scale of Assistance is applied. Home Helps are paid by the County Council and necessary travelling expenses are reimbursed.

Cases needing help should be reported to the Home Help Service, 114 Bridge Street, Worksop (telephone Worksop 2884), where the service is administered by the District Organiser and an Assistant. The Home Help Service is under the auspices of the Area Director of Social Servicees.

AMBULANCE SERVICE

Ambulance services are provided by Nottinghamshire County Council and are controlled from the County Ambulance Control in County Hall, West Bridgford, Nottingham.

Worksop station is self-contained and controls its own vehicles in co-operation with the rest of the County.

The station is manned by one superintendent, 23 men and a control assistant.

Vehicles comprise three Ambulances, one large dual purpose ambulance to carry 10 people, and two small dual purpose ambulances to carry 7 people. One reserve ambulance is kept at the station in case of break-down or to replace an ambulance undergoing repairs.

Address : The Ambulance Station, Gateford Road, Worksop.

Telephone : Worksop 3366.

SERVICES PROVIDED BY THE COUNTY COUNCIL SOCIAL SERVICES DEPARTMENT

Services for the elderly, mentally and physically handicapped, mentally ill and for deprived children have been amalgamated.

The Senior Social Worker in charge of the Worksop Team of Social Workers is Miss B. Millband, 3 Overend Road, Worksop (Telephone 6241). The Area Director is Mr. T. G. Osborne.

Chiropody for Old Age Pensioners and Handicapped People

Chiropody may be obtained for the elderly (persons over pensionable age) by application to the Centre for the Elderly and Physically Handicapped, Eastgate, Worksop (Telephone Number 4144) on Tuesdays and Thursdays from 2.30 to 7.30 p.m. by appointment.

The physically handicapped may attend on Friday p.m. once a month but a medical certificate is required.

The chiropodist also attends at Carlton, Langold and Bircotes Clinics where treatments are carried out by appointment.

DOMICILIARY NURSING SERVICES

The County Council are responsible for the organisation of domiciliary nursing services throughout the following areas.

DISTRICT NURSE MIDWIVES

(Carlton-in-Lindrick, Harworth, Langold, Plumtree, Styrrup and Wallingwells)

Name	Address	Tel. No.
M. Mowforth	Willowdene, 29 Styrrup Road, Harworth	Doncaster 742288
M. Richardson	15 Beech Road, Harworth	Doncaster 742363
V. Bacon	44 Chestnut Road, Langold	Worksop 730549
E. A. Hibberd	Beech Farm, Blyth, Worksop	Ranskill 277

District Nurse Midwives—continued

Name	Address	Tel. No.
S. Rollinson	The Cedars, Thorne Road, Austerfield, Doncaster	Doncaster 710409
I. M. Williamson (Relief) (Retford R.D.C.)	7 Station Road, Ranskill	Ranskill 461

DISTRICT NURSING

(Carburton, Cuckney, Holbeck, Nether Langwith, Norton Welbeck)

G. E. Steele	5 Alandale Avenue, Langwith Junction	Shirebrook 2453
E. R. Williams (Relief) (Warsop R.D.C.)	24 First Avenue, Clipstone	Mansfield 26014

MIDWIFERY

(Nether Langwith, Cuckney)

M. Waterhouse	Boon Hills Farm, Langwith	Shirebrook 2250
H. R. Hobden	"Mathars," Eastwood Avenue, Birklands Estate, Warsop	Warsop 2628

MIDWIFERY(Carburton, Carlton-in-Lindrick, Holbeck, Norton)
(Wallingwells, Welbeck, Worksop)

M. M. Hawke	14 Percival Street, Worksop	Worksop 3745
I. Chapman	24 South Parade, Worksop	Worksop 2334
E. Saxton	11 Harewood Road, Worksop	Worksop 2961
N. Archer	21 Kipling Close, Worksop	Worksop 3727

Midwifery—continued

Name	Address	Tel. No.
S. M. Butler	24 Arundel Drive, Carlton-in-Lindrick	Worksop 730213
M. Maddick	46 Woodland Drive, Worksop	Worksop 3786
P. Malbon	75 Windsor Road, Carlton-in-Lindrick	Worksop 730476
R. Northedge	4 Hemmingfield Road, Worksop	Worksop 5441
Part-time		
J. E. Pauling	70 Gildingwells Road, Woodsetts, nr. Worksop	Dinnington 2643

COUNTY HEALTH CLINICS

The following table gives details of the Ante-natal and Child Health Sessions held at Clinics in the area :

Harworth—Scrooby Road, Bircotes

A.N.	Weekly	Friday	2.00 p.m. to 4.30 p.m.
C.H.	Weekly	Monday	2.00 p.m. to 4.30 p.m.
	Weekly	Thursday	2.00 p.m. to 4.30 p.m.

Langold—The Library, Doncaster Road

C.H.	Fortnightly	Wednesday	2.00 p.m. to 4.30 p.m.
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Blyth—The Green

C.H.	Fortnightly	Friday	2.00 p.m. to 4.30 p.m.
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Carlton-in-Lindrick—Long Lane

C.H.	Weekly	Monday	1.00 p.m. to 4.30 p.m.
	Monthly	Thursday	9.30 a.m. to 12 noon.

Welbeck—Lady Margaret Hall

C.H.	Fortnightly	Tuesday	2.00 p.m. to 4.30 p.m.
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SCHOOL MEDICAL SERVICES

School and dental clinics are held as given hereunder :

School Clinics

Bircotes—Scrooby Road

Tuesdays 9.30 a.m. to 12 noon

Fridays 9.30 a.m. to 12 noon

Langold—Temporary School Buildings, Firbeck Crescent

Fridays 9.30 a.m. to 12 noon

Dental Clinics

Bircotes—County Health Clinic, Scrooby Road

Treatment by appointment as follows :

Wednesdays 9.00 a.m. to 12 noon

1.30 p.m. to 4.00 p.m.

FAMILY PLANNING

In this area the following sessions are held.

Carlton-in-Lindrick—County Health Clinic

Second and fourth Fridays in each month :

9.30 a.m. to 12 noon

Bircotes—County Health Clinic

First and third Tuesdays in each month :

9.30 a.m. to 12 noon

at which advice is given in connection with family planning.

The total number of visits made by women during the year to the clinic in Carlton-in-Lindrick was 247.

The clinic at Bircotes has only been started a short time and no figures are available for 1971.

VENEREAL DISEASE

The Sheffield Regional Hospital Board is responsible for the control and treatment of Venereal Disease throughout the area. Special Clinics are available as follows :

Mansfield—held at Mansfield and District Hospital

Monday	2.00 p.m. to 4.00 p.m.	Female
Tuesday	4.00 p.m. to 6.00 p.m.	Male
Wednesday	10.00 a.m. to 12 noon	Female
Friday	10.00 a.m. to 12 noon	Male

Worksop—at Watson Road Clinic

Special Treatment Clinic : Closed.

Transferred to Mansfield, 26th May, 1971.

Doncaster—held at Royal Infirmary

Monday	9.00 a.m. to 11.30 a.m. and	
	2.00 p.m. to 3.30 p.m.	Male
	4.30 p.m. to 6.00 p.m.	Female
Thursday	4.30 p.m. to 6.00 p.m.	Male
	9.00 a.m. to 11.30 a.m.	Female
	2.00 p.m. to 3.30 p.m.	Female

Sheffield—held at the Royal Infirmary, Sheffield 6

Monday	}	9.00 a.m. to 12 noon	Male & Female
Tuesday		2.00 p.m. to 4.00 p.m.	Male & Female
Thursday		5.00 p.m. to 7.00 p.m.	Male & Female
Friday			
Wednesday	}	9.00 a.m. to 12 noon	Male & Female
Saturday		only	

TABLE II
CAUSES OF DEATH—INFANTS UNDER 1 YEAR

CAUSES OF DEATH	AGE																			Total		
	DAYS										MONTHS											
	Under 1	1	2	3	4	5	6	7-13	14-20	21-28	1	2	3	4	5	6	7	8	9		10	11
Acute Pulmonary Oedema	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Prematurity ...	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Congestive Cardiac Failure	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Broncho-pneumonia ...	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Congenital Heart Disease...	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Meningitis ...	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Multiple Congenital Abnormalities ...	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	5	-	-	1	-	-	3	-	-	-	-	1	-	-	-	-	-	-	-	-	1	11

TABLE III
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1971

NOTIFIABLE DISEASES	At all ages	Under 1	1-2	2-3	3-4	4-5	5-9	10-14	15-24	25-34	35-44	45-64	65 and over	Bawtry	Bircotes	Carlton-in-Lindrick	Harworth	Langold	Blyth	Oldcotes	Styrrup	Nether Langwith	Holbeck	Norton	Hesley Hall	Carburton
														19	1	1	2	1	1	1	1	1	1	1	1	1
Dysentery ...	...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Paralytic Poliomyelitis	...	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Measles ...	39	2	3	2	3	6	19	4	1	1	1	1	1	19	1	10	1	1	6	1	1	1	1	1	1	1
Whooping Cough	5	3	1	1	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1
Food Poisoning ...	5	1	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	1	1	1
Infective Jaundice	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Scarlet Fever ...	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1

TABLE IV

TUBERCULOSIS, 1971

Particulars of new cases and deaths from this disease during the year:

Age Periods in years	New Cases				Deaths			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M	F	M	F	M	F	M	F
0-1	—	—	—	—	—	—	—	—
1-2	—	—	—	—	—	—	—	—
2-3	—	—	—	—	—	—	—	—
3-4	—	—	—	—	—	—	—	—
4-5	—	—	—	—	—	—	—	—
5-9	—	—	—	—	—	—	—	—
10-14	—	—	—	—	—	—	—	—
15-19	—	—	—	—	—	—	—	—
20-34	—	—	—	—	—	—	—	—
35-44	—	—	—	—	—	—	—	—
45-64	—	—	—	—	—	—	—	—
65 and over	—	—	—	—	—	—	—	—
Totals	—	—	—	—	—	—	—	—

The following table shows the number of new cases and deaths arising in the district during each of the past 10 years :

Year		New Cases	Deaths
1962	...	13	—
1963	...	7	—
1964	...	8	—
1965	...	7	—
1966	...	3	2
1967	...	7	—
1968	...	5	2
1969	...	2	—
1970	...	3	—
1971	...	—	—

Pulmonary Tuberculosis

Worksoop Rural District

1950 - 1971

	Total	Male	Female	Miner	Non-Miner
Five-Yearly					
1950—1954	53	26	27	13	14
1955—1959	63	38	25	14	49
1960—1964	49	40	9	25	24
1965—1969	24	21	3	13	11
Yearly					
1968	5	4	1	3	2
1969	1	1	0	1	0
1970	3	3	0	2	1
1971	—	—	—	—	—

**Prescribed Particulars on the
Administration of the Factories Act, 1961**

PART I OF THE ACT

1. Inspections for purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises. (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities....	—	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	29	8	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	6	6	—	—
TOTAL	35	14	—	—

2. Cases in which DEFECTS were found.

Particulars. (1)	Number of cases in which defects were found.				Number of cases in which prosecu- tions were instituted. (6)
	Found (2)	Remedied (3)	Referred To H.M. In- spectors (4)	By H.M. In- spectors (5)	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature(S.3)	—	—	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)....	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	3	—	—	3	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
Total	3	—	—	3	—

3.

PART VIII OF THE ACT OUTWORK

(Sections 133 and 134)

NIL

Worksop Rural District Council

PUBLIC HEALTH DEPARTMENT,
COUNCIL OFFICES,
HIGHFIELD HOUSE,
CARLTON ROAD,
WORKSOP.

SANITARY INSPECTION OF THE AREA

Report made to the Medical Officer of Health in pursuance of Article 25 of the Public Health Officers Regulations, 1959.

C. J. PHILLIPS,

Chief Public Health Inspector.

1. INFECTIOUS DISEASE

The home conditions and possible sources of infection of all cases of infectious disease are investigated. Where necessary the rooms occupied by the patient are fumigated and the householders given instructions on the cleansing of the houses and effects, and on the precautions to be taken to prevent the spread of infection; disinfectant fluid is supplied by the Council, free of charge, for this purpose.

97 visits were made in connection with three cases of scarlet fever, two cases of infective jaundice and cases of suspected food poisoning, dysentery, contacts, etc.

2. WATER SUPPLIES

(i) Public Supplies

The public sources of supply in the district are as follows :

	Source of Supply:	Parishes served:
1. Central Notts. Water Board	Deep borehole, Ranby	Blyth Carlton-in-Lindrick Hodsock Oldcotes Wallingwells
2. Central Notts. Water Board	Three deep boreholes, Budby	Nether Langwith
3. Don Valley Water Board	Three deep boreholes, Austerfield	Part of Harworth
4. National Coal Board	Deep borehole, South Carr, Harworth	Harworth (major part) Styrrup
5. Welbeck Estates Co. Ltd.	Deep borehole, Carburton	Carburton Norton Holbeck Welbeck Cuckney

(a) Bacteriological Examination

Samples of water from the public supplies were taken regularly throughout the year and the reports indicate that a satisfactory standard of purity was maintained.

65 samples were taken for bacteriological examination and all the reports were satisfactory.

(b) Chemical Analysis

6 samples were taken for chemical analysis from the public supplies during the year. The reports on all the samples were satisfactory and the following is a copy of the Analyst's report on samples from each of the supplies :

	Central Notts. Water Board (Carlton- in-Lindrick Supply)	N.C.B. Bulk Supply Harworth Colliery	Don Valley Water Board Supply
Physical Characters	No. 1	No. 2	No. 3
Suspended Matter - - - -	none	none	none
Appearance of column 2 ft. long -	colourless	colourless	colourless
Taste - - - - -	normal	normal	normal
Odour - - - - -	none	none	none
Chemical Examination	Parts per Million		
Total Solids dried at 180° C. -	362.0	552.0	222.0
Chlorides in terms of chlorine -	75.0	110.0	29.0
Equivalent to Sodium Chloride -	123.6	181.2	47.8
Nitrites - - - - -	none	faint trace	none
Nitrates as Nitrogen - - -	6.52	7.70	1.93
Poisonous Metals (Lead, etc.) -	—	less than 0.04	—
Total Hardness - - - -	262.0	396.0	182.0
Temporary Hardness - - -	115.0	180.0	135.0
Permanent Hardness - - -	147.0	216.0	47.0
Oxygen absorbed in 4 hours at 80°			
F. - - - - -	0.24	0.24	0.12
Ammoniacal Nitrogen - - -	0.064	0.080	0.032
Albuminoid Nitrogen - - -	0.032	0.048	0.024
Free chlorine - - - - -	0.09	none	none
pH Value - - - - -	7.7	7.2	7.9

	Central Notts. Water Board (Blyth Supply)	Welbeck Estates Private Supply	Central Notts. Water Board (Nether Langwith Supply)
Physical Characters	No. 4	No. 5	No. 6
Suspended Matter - - - -	none	none	none
Appearance of column 2 ft. long	colourless	colourless	colourless
Taste - - - - -	normal	normal	normal
Odour - - - - -	none	none	none

Chemical Examination**Parts per Million**

Total Solids dried at 180° C. -	386.0	390.0	566.0
Chlorides in terms of chlorine -	74.0	46.0	141.0
Equivalent to Sodium Chloride -	122.0	75.8	232.4
Nitrites - - - - -	none	faint trace	none
Nitrates as Nitrogen - - -	6.28	9.70	8.28
Poisonous Metals (Lead, etc.) -	—	less than 0.04	—
Total Hardness - - - -	260.0	288.0	356.0
Temporary Hardness - - -	130.0	110.0	120.0
Permanent Hardness - - -	130.0	178.0	236.0
Oxygen absorbed in 4 hours at 80°			
F. - - - - -	0.08	0.08	0.12
Ammoniacal Nitrogen - - -	0.024	0.048	0.032
Albuminoid Nitrogen - - -	0.024	0.064	0.032
Free chlorine - - - - -	0.20	none	none
pH Value - - - - -	7.8	7.9	7.8

(c) Dwellinghouses supplied from the public mains

Parish	No. supplied direct to houses	Estimated Population	No. supplied by means of standpipe	Estimated Population
Blyth - - -	395	1,034	—	—
Carburton - - -	47	141	—	—
Carlton-in-Lindrick -	1,836	5,195	—	—
Cuckney - - -	85	292	—	—
Harworth - - -	2,884	9,099	—	—
Hodsock - - -	1,010	3,249	—	—
Holbeck - - -	101	342	—	—
Nether Langwith - -	162	537	—	—
Norton - - -	70	218	—	—
Styrrup-with-Oldcotes	211	616	—	—
Wallingwells - - -	12	36	—	—
Welbeck - - -	16	84	—	—
	<hr/> 6,829 <hr/>	<hr/> 20,843 <hr/>	<hr/> — <hr/>	<hr/> — <hr/>

(ii) Private Supplies

A sample of water was taken from the well supplying "Belmont," Blyth Road, Oldcotes, and submitted to bacteriological examination.

The report on the sample was satisfactory.

3. DRAINAGE AND SEWERAGE

The following extensions of foul and surface water sewers were carried out during the year :

1. A foul water sewer in 9-in. earthenware pipes was extended for a distance of 750 yards to serve the Council's industrial site in the parish of Carlton-in-Lindrick. 300 yards of 18-in. and 100 yards of 12-in. surface water sewer in concrete pipes were also laid on this site.

2. 350 yards of 6-in. foul water sewer in earthenware pipes were constructed to serve houses in course of erection by private enterprise on a site south of Long Lane, Carlton-in-Lindrick. 90 yards of surface water sewer in 9-in. earthenware pipes were also laid on this site.
3. 150 yards of 6-in. foul water sewer in earthenware pipes were constructed to serve houses in course of erection by private enterprise on a site to the west of Grange Avenue, Bawtry.

4. CLOSET CONVERSIONS—

PUBLIC HEALTH ACT, 1936—Section 47

The Council continued to make grants available to owners of dwellinghouses of 50% of the cost, but not exceeding £15 per dwellinghouse, towards the cost of converting sanitary conveniences of the conservancy type into water closets, in accordance with the provisions of Section 47 of the Public Health Act, 1936.

No applications were received during the year.

5. PUBLIC CLEANSING

The refuse collection service was carried out by direct labour throughout the district.

The bonus scheme referred to in previous reports continued to operate satisfactorily.

The service consists of the weekly emptying of dustbins and pail closets and the cleansing of privy middens and ashpits every two weeks.

The number and type of these receptacles was as follows :

Dustbins	...	...	...	...	...	7,932
Pail closets	...	...	...	...	...	111
Privy middens	...	...	...	...	...	19
Ashpits	...	...	...	...	...	16

Controlled tipping was carried out as far as possible.

Routine treatments of the refuse tip were carried out as far as possible during the year to prevent nuisance from rats, etc.

The Council operated three Shelvoke & Drewry vehicles of 16/18, 25 and 35 cubic yards capacity respectively, with one old 18 cubic yards capacity vehicle in reserve.

16 men were employed on refuse collection and disposal.

The following work was carried out by the Cleansing Department during the year :

Population served in all parishes	21,190
Total number of premises given regular service	7,027
Total number of dustbins emptied during the year ...	404,988
Total number of pail closets emptied during the year ...	5,550
Total number of ashpits emptied during the year ...	491
Total number of privy middens emptied during the year	389
Mileage travelled by the four vehicles	34,079
Cost of operation of the cleansing service by direct labour for the year ended 31/3/72	£34,108
(including £2,000 lorry reserve fund)	
Cost of operation of the cleansing service by direct labour for the year ended 31/3/71	£30,124
(including £1,500 lorry reserve fund)	

6. INFESTATION

(a) Bed Bugs

Only one case of infestation of bed bugs came to the notice of the Department during the year. This was in an owner-occupied house and was successfully dealt with by spraying.

(b) Rodent Control

The refuse tip, sewage disposal works and other land and premises owned and occupied by the Council were inspected regularly to detect any infestation of rats and treatment carried out when necessary.

116 infestations of rats and 18 infestations of mice were also dealt with in connection with dwellinghouses and one infestation of mice at other premises.

Infestations at dwellinghouses were dealt with free of charge but 75p per hour (including materials) is charged in respect of the treatment of infestations at premises other than dwellinghouses.

A part-time rodent operator is employed on rodent control.

7. MEAT AND OTHER FOOD

There are no licensed slaughterhouses in the district, the butchers obtaining their meat wholesale or by using licensed slaughterhouses in adjoining districts.

Licences to slaughter or stun animals outside the Council's district were renewed in respect of three slaughtermen.

The following foodstuffs were condemned during the year :

Meat	...	...	...	...	20 lbs.
Other foods	...	...	...	...	74 lbs.
					<hr/>
					94 lbs.
					<hr/>

8. FOOD AND DRUGS ACT, 1955—Section 16

The number of premises registered at the end of the year under Section 16 of the Food and Drugs Act, 1955, was as follows :

For the storage and sale of ice cream	...	...	50
For the preparation or manufacture of sausages, etc.			7

9. FOOD HYGIENE REGULATIONS, 1955-1966

Total number of inspections of food premises, delivery vehicles, etc.	64
Number of defects or unsatisfactory conditions found...	7
Number of defects or unsatisfactory conditions remedied	7

10. HOUSING

Inspections of dwellinghouses were made under the Public Health and Housing Acts, and informal notices served where necessary.

Total number of houses inspected	241
Number of inspections made for the purpose	304

House Purchase and Housing Act, 1959, and the Housing Acts, 1961, 1964 and 1969

Number of houses improved with the aid of grants :

(a) By Standard Grants	25
(b) By Discretionary Grants	12

New Houses

A Warden's house and 20 aged persons' bungalows were completed by the Council in Goldthorpe Avenue, Langold, in the parish of Hodsock. A further six bungalows were in the course of erection on this site at the end of the year.

18 houses were also under construction in Thompson Avenue, in the parish of Harworth.

103 houses were erected by private enterprise during the year.

The following is a summary of the Council's post war construction programme at the 31st December, 1971.

	Tradi- tional	Swedish Timber	Aluminium Bungalows Temp. Perm.	"No Fines" Concrete Aireys (Wimpey)	Total		
Houses completed by contract for Local Authority	1,490	8	40*	40*	82	374	2,034
Houses completed by Small Builders Scheme	28	—	—	—	—	—	28
Houses under con- struction by contract for the Local Authority	24	—	—	—	—	—	24

*All of the aluminium bungalows have been demolished.

11. INSPECTION OF THE AREA—SUMMARY

Housing	...	...	...	...	...	408
Caravan Sites	...	...	...	...	...	9
Infectious disease	...	...	...	...	...	97
Rodent control	...	...	...	...	...	109
Pest control	...	...	...	...	...	71
Food Hygiene	...	...	...	...	...	64
Water supplies, samples and investigations	...	...	...	...	...	72
Trade effluent samples	...	...	...	...	...	25
Drainage	...	...	...	...	...	52
Nuisances	...	...	...	...	...	25
Factories	...	...	...	...	...	14
Offices, shops	63
Public cleansing	183
Miscellaneous	54
Re-inspections	197
						<hr/> 1,443 <hr/>

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